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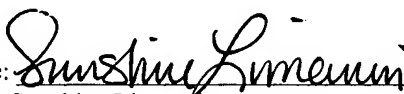
Technology Center 2600

Applicants: Carlton J. Sparrell, et al.
Application Number: 10/032,218
Filing Date: December 21, 2001
Title: Digital Video Recording And Reproduction System And
Method Suitable For Live-Pause Playback Utilizing
Intelligent Buffer Memory Allocation
Group Art Unit: 2652
Examiner: Not yet known
Attorney Docket: UCN-015

Certificate of Express Mailing

I hereby certify that the above correspondence is being deposited under 37 C.F.R. 1.10 with the United States Postal Service, Express Mail Post Office to Addressee Service, Label No. EV 118871062 US on September 17, 2003, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT AND PTO
FORM 1449**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir,

Pursuant to the duty of disclosure (37 C.F.R. 1.97 (b)(3) and 1.98), attached hereto are:

1. An Information Disclosure Statement (PTO 1449) (1 page) listing documents (6 documents total);
2. A copy of the PCT International Search Report in the related International Application No. PCT/US02/34855 filed 10/31/2002 (4 pages);
3. A copy of the cited documents; and
4. A return postcard.

Because the documents are in the English language, a concise explanation of the relevance is not provided. Because this paper is being filed prior to the 1st Office Action, no fee is believed to be due at this time.


Serial No. 10/032,218
Filing Date: December 21, 2001

However, should the PTO determine that a fee is required; the PTO is hereby authorized to charge such fee, and any other required fee to Lucash Gesmer & Updegrove PTO Deposit Account No. 122315.

If additional information is required, you are invited to immediately contact the undersigned via telephone or facsimile at the numbers listed below. Thank you for your attention to this matter.

Respectfully submitted,

Date: September 17, 2003


Paul L. Speidel
Reg. No. 52,239
Lucash, Gesmer & Updegrove, LLP
Boston, MA 02109
Tel: (617) 350 6800
Fax: (617) 350 6878

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/032,218
Filing Date	12/21/01
First Named Inventor	Carlton J. Spar
Art Unit	2652
Examiner Name	Not yet known
Attorney Docket Number	UCN-0015

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.